# EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|---|---|---|---|---|---|---|
| L1 | 1090 | (700/37,39,46,269,273,288,65,72).ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 16:24 |
| L2 | 1 | 1 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (particle near accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:26 |
| L3 | 129 | 1 and (predict$3 with model$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:27 |
| L4 | 86 | 1 and (predict$3 with model$4) and optimiz$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:27 |
| L5 | 7 | 1 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) and magnet$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:31 |
| S48 | 1 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (particle near accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:26 |
| S51 | 362 | (700/28,29,30).ccls. and (predict$3 with model$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:27 |
| S60 | 17 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) and magnet$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:31 |
| S64 | 200 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 16:27 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S96 | 2 | (control$4 and particle near10 accelerator$1 and distributed near control and comput$3 and execute and software and manipulated near variable and magnetic near field and strength and shape and location and orientation and determine near10 relationship$1 and inputs and controlled near variable$1).clm. | US-PGPUB | OR | ON | 2006/10/14 11:52 |
| S97 | 66 | (eric near hartman).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S98 | 7 | (celso near axelrud).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S99 | 3 | (kidir near liano).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S10 0 | 3 | (bijan near sayyarrodsari).in. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S10 1 | 14 | ("5933345" "6278899" "6738677" "6487459" "6381504" "6047221" "20040117040").pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S10 2 | 5944 | (particle adj accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S10 3 | 0 | (particle adj accelerator$1) and identif$4 near5 variables and monitor$3 near5 inputs and tune and desired near5 (value$1 variable$1 parameter$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S10 4 | 2 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (particle near accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |

# EAST Search History

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|---|---|---|---|---|---|---|
| S10 5 | 2 | (700/28,29,30,44,47).ccls. and (predict$3 and model$4) and optimiz$3 and (neural adj network$1) and (particle near accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S10 6 | 10 | (700/28,29,30,44,47).ccls. and (predict$3 and model$4) and optimiz$3 and (neural adj network$1) and (accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S10 7 | 414 | (700/28,29,30).ccls. and (predict$3 with model$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S10 8 | 232 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S10 9 | 5 | ("5043863" \| "5442510" \| "5568377" \| "5933345" \| "6487459").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/14 11:58 |
| S11 0 | 2 | S109 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S11 1 | 55 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S11 2 | 414 | (700/28,29,30).ccls. and (predict$3 with model$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S11 3 | 232 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S11 4 | 5 | ("5043863" \| "5442510" \| "5568377" \| "5933345" \| "6487459").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/14 11:58 |
| S11 5 | 2 | S114 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S11 6 | 55 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |

| S11 7 | 93 | ("6278899" "6373033" "6850871" "6453308" "6047221" "6207936" "6078843" "6024701" "5933345" "5402333" "6122557" "4770841" "5486995" "5933355" "6263355" "6438430" "6487459" "6493596" "6625501" "6735483" "6738677" "5815394" "5813798" "6151566" "6088630" "6092018" "5319737" "4453116" "5486996" "6092919" "6185470" "5251287" "5586221" "6212466" "6212466" "6381504" "5260865" "5343407" "5566275" "6424956" "6775646" "5477444" "5640491" "6654649" "5740324" "5924086" "6430993" "5774633" "5845052" "5943662").pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
|---|---|---|---|---|---|---|
| S11 8 | 66 | (hartman near eric).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S11 9 | 834 | (700/31,46,48,71).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 0 | 240 | S119 and (predict$3 with model$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 1 | 149 | S119 and (predict$3 with model$4) and optimiz$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 2 | 35 | S119 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 3 | 84 | S119 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 4 | 35 | S119 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 5 | 14 | S119 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) and magnet$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |

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|---|---|---|---|---|---|---|
| S12 6 | 2 | S119 and (magnet$3 near5 strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 7 | 0 | S117 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) and magnet$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 8 | 0 | S117 and (magnet$3 near5 strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S12 9 | 114 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S13 0 | 29 | ("4228509" \| "4230534" \| "4349869" \| "4358822" \| "4368509" \| "4628462" \| "4639853" \| "4663703" \| "4674029" \| "4736316" \| "4769766" \| "4858147" \| "4868754" \| "4935886" \| "4965713" \| "5111531" \| "5251285" \| "5268834" \| "5282130" \| "5282261" \| "5285377" \| "5305230" \| "5311452" \| "5369345" \| "5467291" \| "5477444" \| "5933345" \| "6047221" \| "6278899").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/14 11:58 |
| S13 1 | 5 | S130 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S13 2 | 68 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S13 3 | 22 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) and magnet$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S13 4 | 8 | (700/28,29,30,44,47).ccls. and (magnet$3 near5 strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S13 5 | 32 | (magnet$3 near5 strength) with (controlled near3 (variable$1 parameter$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |

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|---|---|---|---|---|---|---|
| S13 6 | 114 | (700/28,29,30).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S13 7 | 5 | ("5043863" \| "5442510" \| "5568377" \| "5933345" \| "6487459").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/14 11:58 |
| S13 8 | 29 | ("4228509" \| "4230534" \| "4349869" \| "4358822" \| "4368509" \| "4628462" \| "4639853" \| "4663703" \| "4674029" \| "4736316" \| "4769766" \| "4858147" \| "4868754" \| "4935886" \| "4965713" \| "5111531" \| "5251285" \| "5268834" \| "5282130" \| "5282261" \| "5285377" \| "5305230" \| "5311452" \| "5369345" \| "5467291" \| "5477444" \| "5933345" \| "6047221" \| "6278899").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/10/14 11:58 |
| S13 9 | 5 | S138 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 0 | 3 | (bijan near sayyarrodsari).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 1 | 68 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 2 | 22 | (700/28,29,30,44,47).ccls. and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) and (distributed near2 control$4) and magnet$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 3 | 8 | (700/28,29,30,44,47).ccls. and (magnet$3 near5 strength) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 4 | 32 | (magnet$3 near5 strength) with (controlled near3 (variable$1 parameter$1)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 5 | 7 | (celso near axelrud).in. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |
| S14 6 | 24 | S117 and (predict$3 with model$4) and optimiz$3 and (neural adj network$1) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/10/14 11:58 |

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|---|---|---|---|---|---|---|
| S14 7 | 2 | ("700"/$).ccls. and (predict$3 and model$4) and optimiz$3 and (neural adj network$1) and (particle near accelerator$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S14 8 | 1887 | (particle near accelerator$1).ab. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S14 9 | 32 | (particle near accelerator$1).ab. and control adj system$1 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT | OR | ON | 2006/10/14 11:58 |
| S15 0 | 4 | ("4329654").URPN. | USPAT | OR | ON | 2006/10/14 11:58 |
| S15 1 | 5 | ("2887580" \| "3412337" \| "3965434"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2006/10/14 11:58 |